



Rabbit Anti-Human KRT8 Polyclonal Antibody (CABT-L2040)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Keratin 8 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against KRT8. It has been selected for its ability to recognize KRT8 in immunohistochemical staining and western blotting.
Target	KRT8
Immunogen	Recombinant fragment corresponding to human KRT8 (Lys92~Lys393)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]
Keywords	K8;CARD2;CK8;CYK8;K2C8;KO;Cytokeratin 8;Keratin, type II cytoskeletal 8

GENE INFORMATION

Gene Name	KRT8 keratin 8, type II [Homo sapiens (human)]
Official Symbol	KRT8
Synonyms	KRT8; keratin 8, type II; K8; KO; CK8; CK-8; CYK8; K2C8; CARD2; keratin, type II cytoskeletal 8; cytokeratin 8; cytokeratin-8; type-II keratin Kb8;
Entrez Gene ID	3856
Protein Refseq	NP_001243211
UniProt ID	Q7L4M3
Chromosome Location	12q13
Pathway	EGFR1 Signaling Pathway; Signaling mediated by p38-alpha and p38-beta;
Function	protein binding; protein complex binding; scaffold protein binding; structural molecule activity;